

ENDOSCOPE CLEANING GUIDE

for EVIS EXERA II Duodenovideoscope TJF-Q180V



WARNING: This guide is a **summary** of the steps necessary to properly reprocess your TJF-Q180V. Follow the detailed steps instructed in the latest **ENDOSCOPE REPROCESSING MANUAL** for the TJF-Q180V.

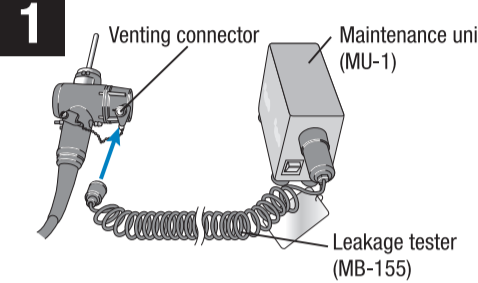
IMPORTANT

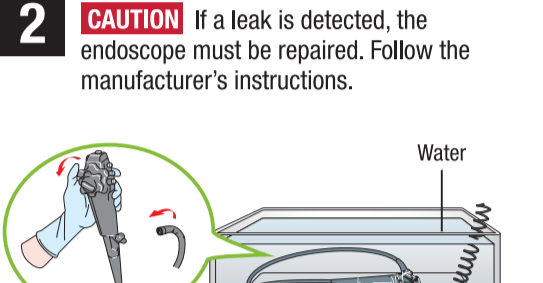
- Wear appropriate personal protective equipment.
- Meticulous cleaning is essential for effective disinfection/sterilization.
- Be sure to reprocess all removable parts (e.g. valves) as described in the reprocessing manual.

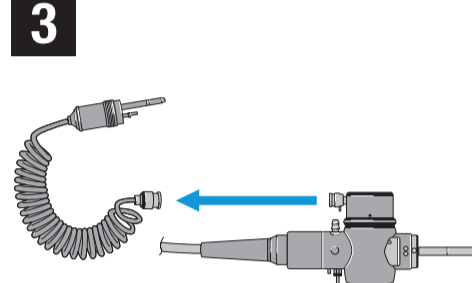
Pre-cleaning

Before leakage testing, "reprocess" the scope as described in the reprocessing manual.

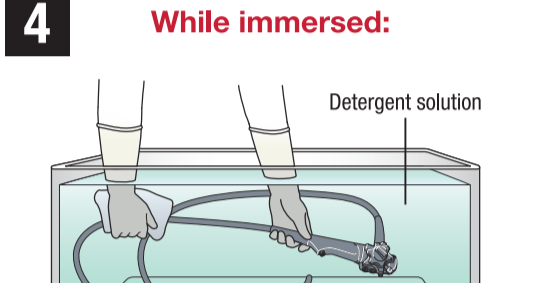
Leakage Testing

- 1** 
- Ensure that the Water Resistant Cap (MH-553) is attached.
 - Detach all accessories from the endoscope.
 - Turn on air source, depress the pin inside the connector cap and confirm that air is emitted and that both the connector cap and venting connector are dry.
 - Attach the leakage tester to the water resistant cap's venting connector.

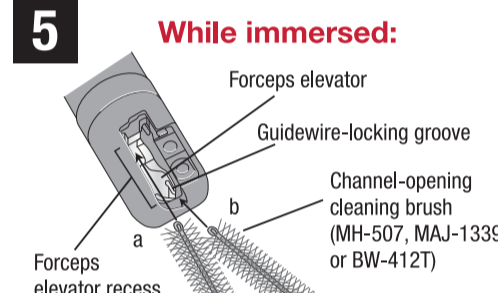
- 2** 
- CAUTION** If a leak is detected, the endoscope must be repaired. Follow the manufacturer's instructions.
- Immerse entire endoscope in water.
 - Observe for approximately 30 seconds while deflecting the bending section of the endoscope by turning the UP/DOWN and RIGHT/LEFT angulation control knobs, then observe for additional 30 seconds while raising and lowering the forceps elevator.
 - Confirm that there are no continuous air bubbles.

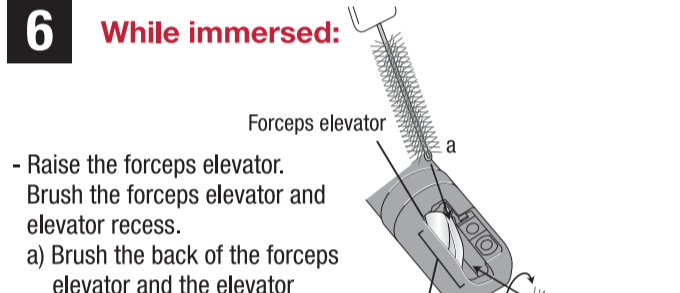
- 3** 
- Remove the endoscope from the water.
 - Turn air source off and detach the leakage tester from air source.
 - Wait 30 seconds, or until the bending section covering contracts to its pre-expansion size.
 - Detach the leakage tester.

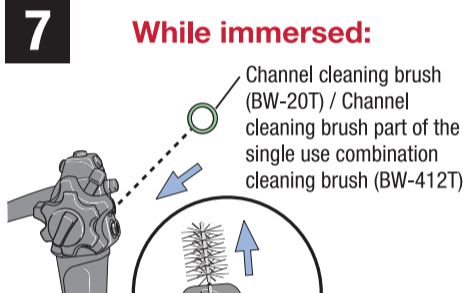
Manual Cleaning

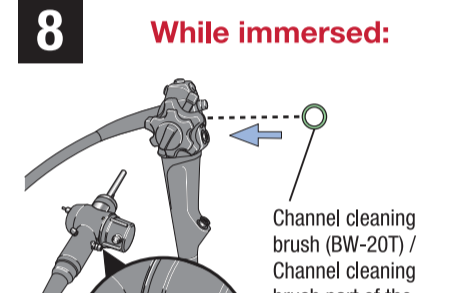
- 4** 
- While immersed:**
- Immerse the endoscope in the detergent solution.
 - Clean all external surfaces, especially the air/water nozzle opening and the objective lens on the distal end. Ensure that all surfaces of the distal end are thoroughly cleaned.

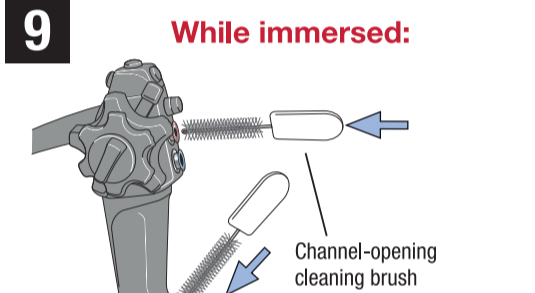
Manual Cleaning

- 5** 
- While immersed:**
- Lower the forceps elevator.
 - Brush the forceps elevator and elevator recess.
 - Insert the brush into the forceps elevator recess and pull it out. Repeat three times.
 - Brush the guidewire-locking groove.

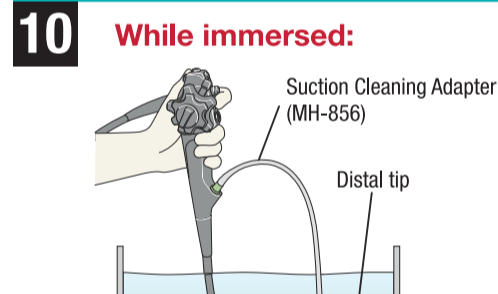
- 6** 
- While immersed:**
- Raise the forceps elevator. Brush the forceps elevator and elevator recess.
 - a) Brush the back of the forceps elevator and the elevator recess and pull the brush out.
 - b) Insert the brush into the forceps elevator recess, rotate the brush one full revolution, and pull out.
 - Lower and raise the forceps elevator in the detergent solution three times.
 - Clean the bristles in the detergent solution.
 - Brush the distal end until no debris is observed.

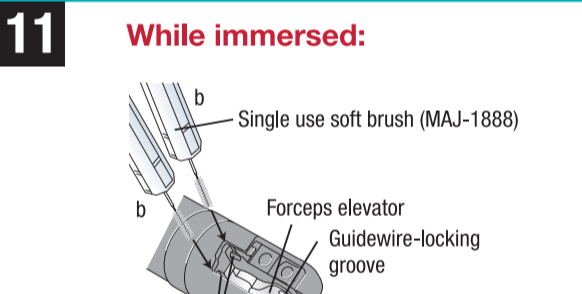
- 7** 
- While immersed:**
- Brush from the suction cylinder to the distal end of the insertion section.
 - Repeat until no debris is observed.

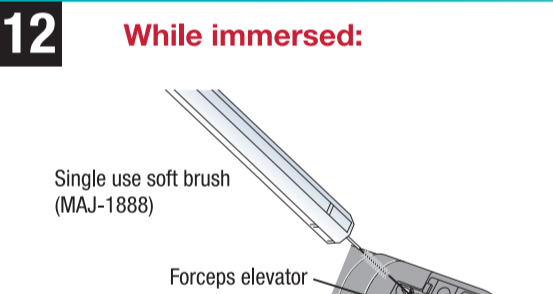
- 8** 
- While immersed:**
- Brush from the suction cylinder to the endoscope connector.
 - Repeat until no debris is observed.

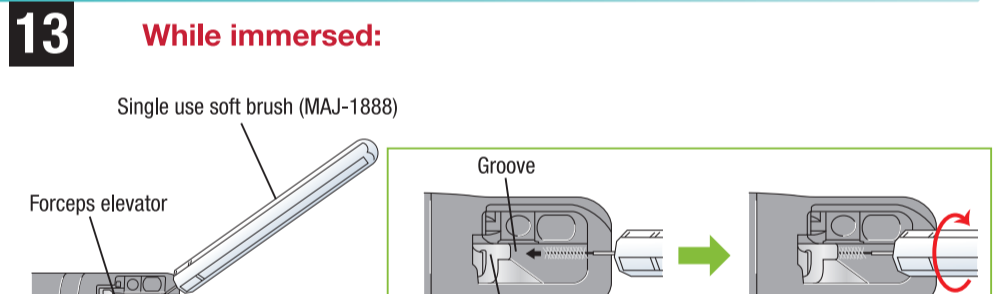
- 9** 
- While immersed:**
- Insert the brush into the suction cylinder and instrument channel port, and rotate the brush one full revolution.
 - Repeat until no debris is observed.

Manual Cleaning

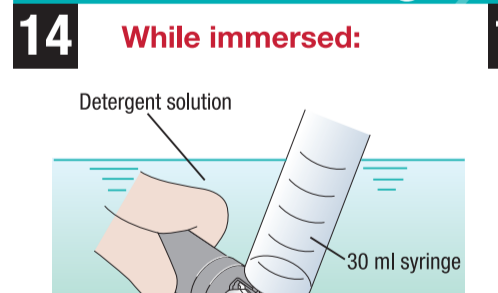
- 10** 
- While immersed:**
- Confirm that the forceps elevator is lowered.
 - Aspirate the detergent solution for 30 seconds.
 - While aspirating, raise and lower the forceps elevator three times.


- 11** 
- While immersed:**
- Brush the forceps elevator and elevator recess with the single use soft brush.
 - a) Brush the guidewire-locking groove with three strokes.
 - b) Brush both grooves with three strokes each.
 - Clean the bristles in the detergent solution.

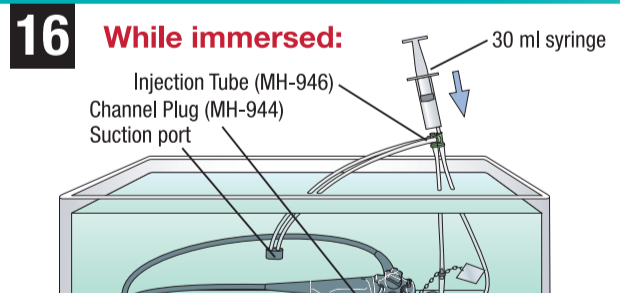
- 12** 
- While immersed:**
- Raise the forceps elevator.
 - Brush the whole back side of the forceps elevator three times.
 - Clean the bristles in the detergent solution.

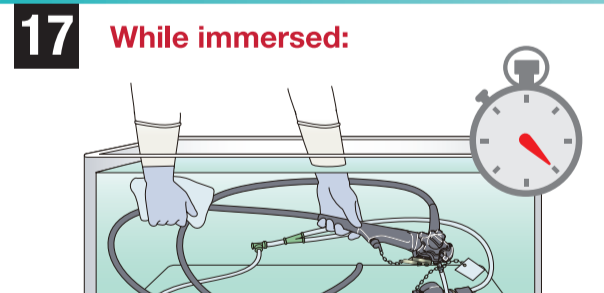
- 13** 
- While immersed:**
- Insert the brush head slowly into the groove under the forceps elevator.
 - Rotate the brush three revolutions.
 - Pull the brush out slowly and clean the bristles in the detergent solution.
 - Lower and raise the forceps elevator in the detergent solution three times.

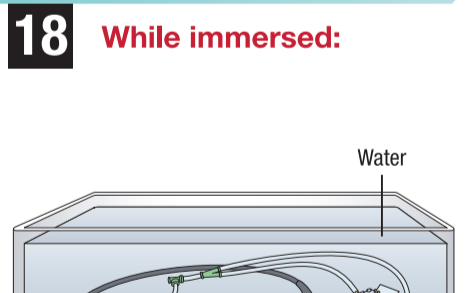
Manual Cleaning

- 14** 
- While immersed:**
- Confirm that the forceps elevator is raised.
 - Insert the tip of the 30 ml syringe into the forceps elevator recess.
 - Flush the recess with 30 ml of detergent solution.

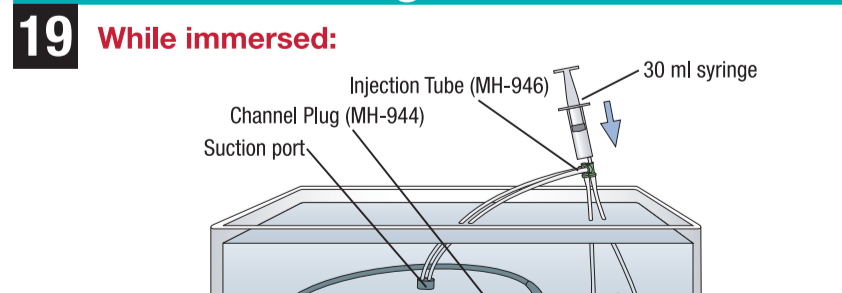
- 15** 
- While immersed:**
- Lower the forceps elevator.
 - Insert the tip of the 30 ml syringe into the forceps elevator recess.
 - Flush the recess with 30 ml of detergent solution.
 - Repeat steps 14 through 15 until no debris is observed.

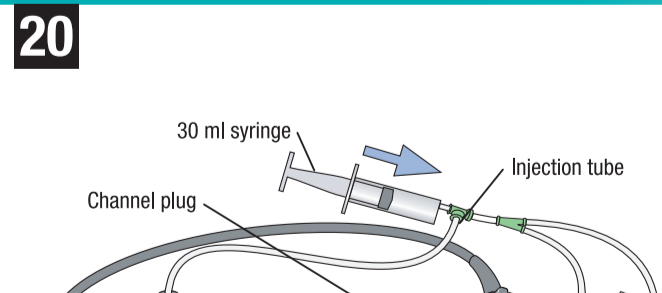
- 16** 
- While immersed:**
- Attach the channel plug and injection tube to the endoscope.
 - Attach a 30 ml syringe to the air/water channel port of the injection tube.
 - Flush the channel with 90 ml of detergent solution by pumping the syringe at least three times.

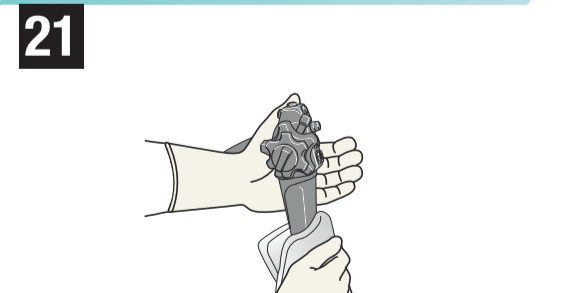
- 17** 
- While immersed:**
- Wipe external surfaces of the endoscope and accessories while they are immersed in detergent solution.
 - Leave the endoscope and accessories immersed in detergent solution for the time recommended by the detergent manufacturer.
 - Remove the endoscope and accessories from the solution.

- 18** 
- While immersed:**
- Rinse the endoscope and accessories.

Manual Cleaning

- 19** 
- While immersed:**
- Attach a 30 ml syringe to the injection tube's suction channel port.
 - Flush the channel with 90 ml of water by pumping the syringe at least three times.
 - Move the syringe to the air/water channel port of the injection tube.
 - Flush the channel with 90 ml of water by pumping the syringe at least three times.

- 20** 
- Remove the endoscope and accessories from the water.
 - Cover the distal end and the control section with sterile, lint-free cloths.
 - Attach the syringe to the suction channel port of the injection tube and flush the suction channel with 90 ml of air by pumping the syringe at least three times.
 - Move the syringe to the air/water channel port of the injection tube and flush the air/water channel with 90 ml of air by pumping the syringe at least three times.
 - Detach accessories from the endoscope.

- 21** 
- Dry all external surfaces.
 - Inspect all items for residual debris. Repeat the entire cleaning procedure until all debris is removed.

For complete product details see Instructions for Use.